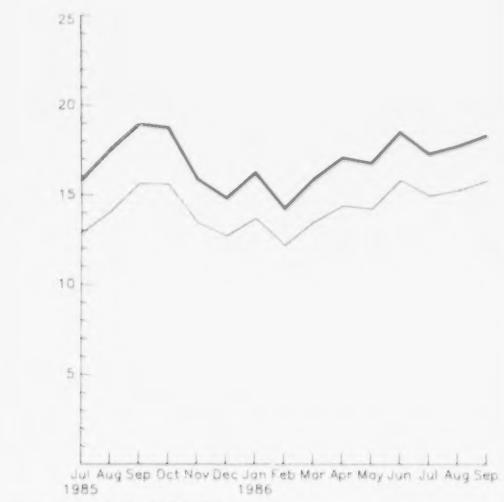
MONTHLY TIRE REPORT

September 1986

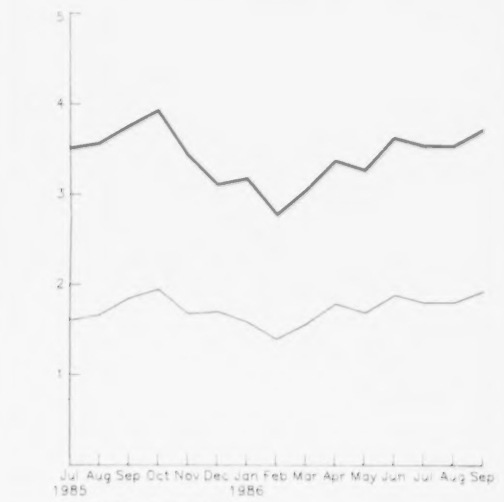
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



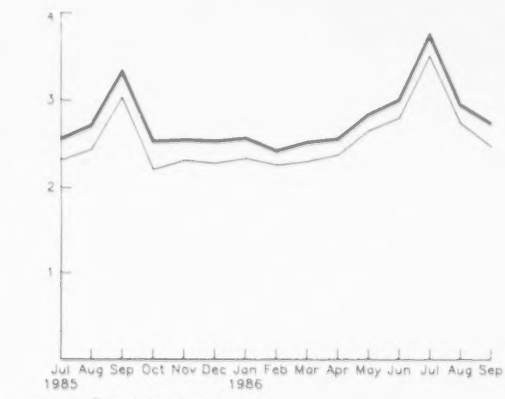
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

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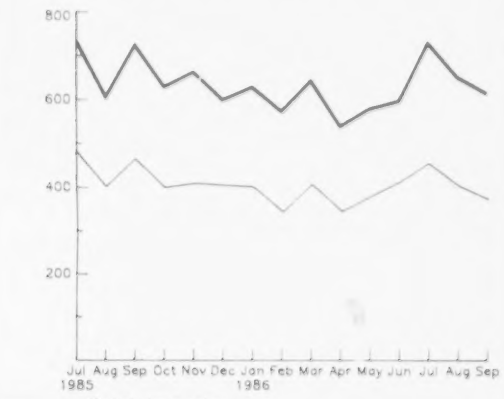

Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. September 1986 total shipments are own -3.3% from September 1985 for passenger tires, and down -1.0% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1983 to 1985, passenger tire imports have increased 93.5%, and truck and bus tire imports have grown by 110.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: November 04, 1986

	September 1986	September 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
PASSENGER TIRES						
Shipments						
Original Equipment	4,766	4,668	+2.10	41,396	41,705	-0.74
Radial	4,050	3,908	+3.63	34,819	34,747	+0.21
Replacement	13,145	13,902	-5.45	107,642	106,043	+1.51
Radial	11,440	11,459	-0.17	92,768	85,329	+8.72
Export	403	365	+10.41	2,932	3,803	-22.90
Radial	329	275	+19.64	2,248	3,002	-25.12
Total	18,314	18,935	-3.28	151,970	151,551	+0.28
Radial	15,819	15,642	+1.13	129,835	123,078	+5.49
Production	13,929	13,358	+4.27	118,796	123,755	-4.01
Radial	11,774	10,743	+9.60	100,395	98,554	+1.87
Ending Inventory	27,837	33,569	-17.08	-	-	-
Radial	24,331	27,833	-12.58	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	593	668	-11.23	5,236	5,877	-10.91
Radial	400	413	-3.15	3,487	3,672	-5.04
Replacement	2,997	2,966	+1.05	23,798	23,772	+0.11
Radial	1,463	1,367	+7.02	11,340	10,209	+11.08
Export	121	114	+6.14	988	1,006	-1.79
Radial	65	68	-4.41	596	529	+12.67
Total	3,711	3,748	-0.99	30,022	30,655	-2.06
Radial	1,928	1,848	+4.33	15,423	14,410	+7.03
Production	2,611	3,486	-25.10	22,985	26,558	-13.45
Radial	1,334	2,019	-33.93	11,181	12,168	-8.11
Ending Inventory	7,053	7,945	-11.23	-	-	-
Radial	3,919	3,946	-0.68	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	54	79	-31.65	488	887	-44.98
Replacement	2	14	-85.71	53	87	-39.08
Export	-	-	-	-	1	-
Total	56	93	-39.78	541	975	-44.51
Production	51	87	-41.38	452	845	-46.51
Ending Inventory	111	118	-5.93	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	39	51	-23.53	395	477	-17.19
Replacement	197	212	-7.08	1,862	1,939	-3.97
Export	13	12	+8.33	129	129	+0.00
Total	249	275	-9.45	2,386	2,545	-6.25
Production	230	190	+21.05	2,049	2,141	-4.30
Ending Inventory	636	716	-11.17	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	386	380	+1.58	3,828	4,685	-18.29
Replacement	138	108	+27.78	1,470	1,471	-0.07
Export	19	13	+46.15	156	171	-8.77
Total	543	501	+8.38	5,454	6,327	-13.80
Production	584	585	-0.17	5,552	6,305	-11.94
Ending Inventory	2,248	1,653	+36.00	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	683	597	+14.41	5,155	5,588	-7.75
Truck & Bus	1,439	1,428	+0.77	11,582	12,615	-8.19
Tractor-Implement	261	216	+20.83	1,920	1,938	-0.93
Industrial & Utility	178	133	+33.83	1,232	1,549	-20.46

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
CUMULATIVE	22,965	2,241	1,137	458	2,725	1,603	1,327	23	471	3,332	2,021	3,111	188
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
June	2,798	198	110	66	303	117	180	3	42	468	203	336	42
July	3,506	236	119	112	337	161	156	4	91	361	261	395	32
August	2,734	205	89	76	315	170	104	4	74	344	177	290	23
September	2,462	260	84	106	289	134	86	4	46	310	148	243	27
CUMULATIVE	23,400	1,849	955	700	2,565	1,324	1,416	30	533	3,070	1,791	3,021	276
October													
November													
December													
% Change Month	-9.9	26.8	-5.6	39.5	-8.3	-21.2	-17.3	.0	-37.8	-9.9	-16.4	-16.2	17.4
% Change Month 86 vs. 85	-18.8	-10.3	-41.3	89.3	-10.2	-33.7	-42.7	.0	-9.8	1.0	-12.9	-30.4	50.0
% Change Cumulative	1.9	-17.5	-16.0	52.8	-5.9	-17.4	6.7	30.4	13.2	-7.9	-11.4	-2.9	46.8

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

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RMA Industry Report

MONTHLY TIRE REPORT

October 1986

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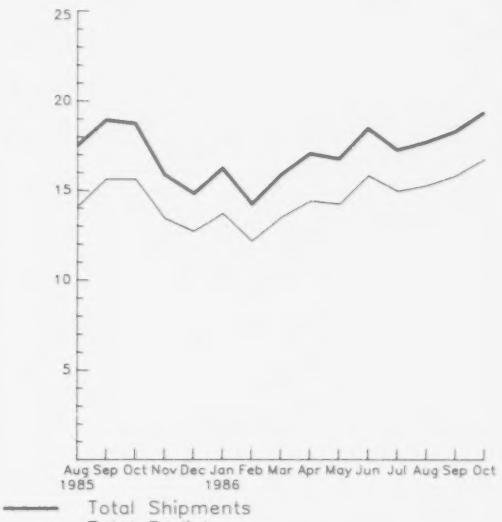
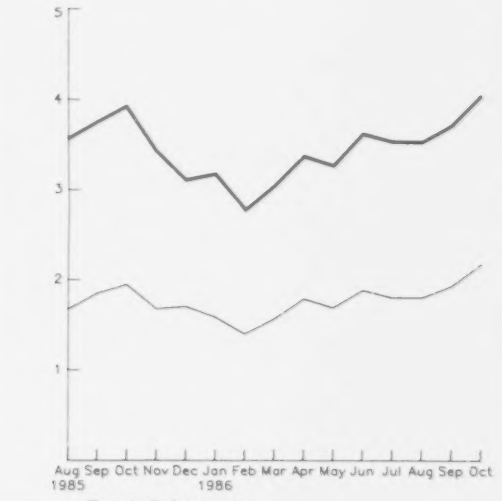


Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



Figures in Millions of Units

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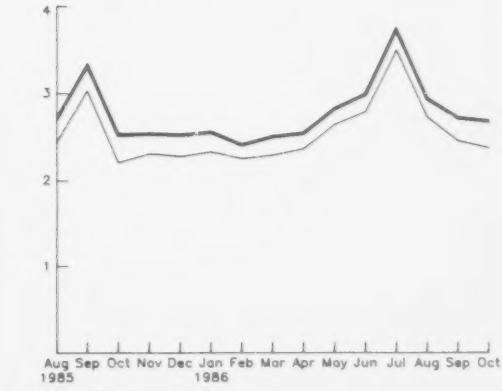

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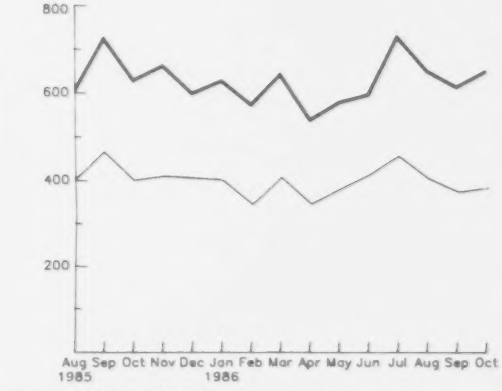

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RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: December 02, 1986

PASSENGER TIRES	October 1986	October 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
Shipments						
Original Equipment	5,098	4,914	+3.74	46,494	46,619	-0.27
Radial	4,301	4,141	+3.86	39,120	38,888	+0.60
Replacement	13,870	13,545	+2.40	121,512	119,588	+1.61
Radial	12,154	11,296	+7.60	104,922	96,625	+8.59
Export	409	258	+58.53	3,340	4,060	-17.73
Radial	320	167	+91.62	2,568	3,170	-18.99
Total	19,377	18,717	+3.53	171,346	170,267	+0.63
Radial	16,775	15,604	+7.50	146,610	138,683	+5.72
Production	15,231	14,583	+4.44	134,027	138,338	-3.12
Radial	13,030	11,910	+9.40	113,426	110,464	+2.68
Ending Inventory	27,292	32,551	-16.16	-	-	-
Radial	23,873	26,929	-11.35	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	597	679	-12.08	5,833	6,556	-11.03
Radial	426	459	-7.19	3,913	4,131	-5.28
Replacement	3,335	3,122	+6.82	27,134	26,894	+0.89
Radial	1,684	1,414	+19.09	13,023	11,623	+12.05
Export	109	120	-9.17	1,097	1,125	-2.49
Radial	60	73	-17.81	656	602	+8.97
Total	4,041	3,921	+3.06	34,064	34,575	-1.48
Radial	2,170	1,946	+11.51	17,592	16,356	+7.56
Production	2,949	3,043	-3.09	25,935	29,601	-12.38
Radial	1,518	1,357	+11.86	12,699	13,525	-6.11
Ending Inventory	6,838	7,874	-13.16	-	-	-
Radial	3,871	3,908	-0.95	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	51	70	-27.14	539	957	-43.68
Replacement	1	15	-93.33	54	101	-46.53
Export	-	-	-	-	1	-
Total	52	85	-38.82	593	1,059	-44.00
Production	26	86	-69.77	477	931	-48.76
Ending Inventory	85	133	-36.09	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	47	50	-6.00	442	527	-16.13
Replacement	201	202	-0.50	2,063	2,142	-3.69
Export	16	17	-5.88	145	145	+0.00
Total	264	269	-1.86	2,650	2,814	-5.83
Production	253	224	+12.95	2,301	2,365	-2.71
Ending Inventory	603	659	-8.50	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	537	487	+10.27	4,366	5,172	-15.58
Replacement	144	123	+17.07	1,614	1,594	+1.25
Export	20	14	+42.86	175	186	-5.91
Total	701	624	+12.34	6,155	6,952	-11.46
Production	754	786	-4.07	6,306	7,091	-11.07
Ending Inventory	2,267	1,819	+24.63	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	711	707	+0.57	5,866	6,294	-6.80
Truck & Bus	1,549	1,562	-0.83	13,131	14,177	-7.38
Tractor-Implement	241	221	+9.05	2,162	2,159	+0.14
Industrial & Utility	191	132	+44.70	1,423	1,681	-15.35

* Inner Tube figures are for shipments only, not production.

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(Units are rounded and expressed in thousands)

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	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
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October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
CUMULATIVE	25,166	2,558	1,284	513	2,976	1,776	1,457	26	512	3,790	2,189	3,365	221
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
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May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
June	2,798	198	110	66	303	117	180	3	42	468	203	336	42
July	3,506	236	119	112	337	161	156	4	91	361	261	395	32
August	2,734	205	89	76	315	170	104	4	74	344	177	290	23
September	2,462	260	84	106	289	134	86	4	46	310	148	243	27
October	2,382	303	89	101	295	166	146	4	51	383	130	235	25
CUMULATIVE	25,782	2,152	1,044	801	2,860	1,491	1,562	34	584	3,452	1,921	3,256	301
November													
December													
% Change Month	-3.2	16.5	6.0	-4.7	2.1	23.9	69.8	.0	10.9	23.5	-12.2	-3.3	-7.4
% Change Month 86 vs. 85	8.3	-4.4	-39.5	83.6	17.1	-4.0	12.3	100.0	21.4	-16.4	-23.1	-7.5	-24.2
% Change Cumulative	2.4	-15.9	-18.7	56.1	-3.9	-16.0	7.2	30.8	14.1	-8.9	-12.2	-3.2	36.2

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

END OF PROGRAM

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

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INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the column; with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

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2/2/87 A8810-1

RMA Industry Report

RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

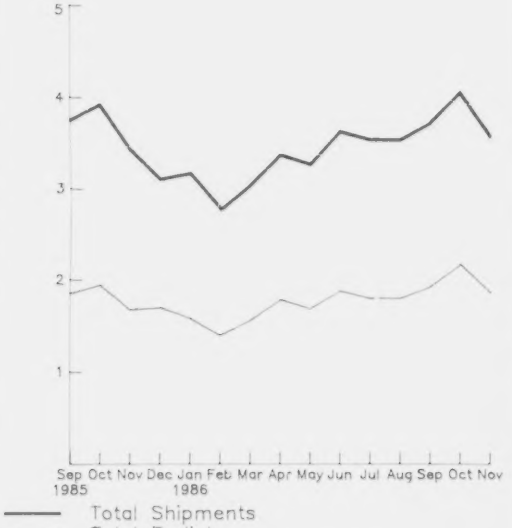
MONTHLY TIRE REPORT

November 1986

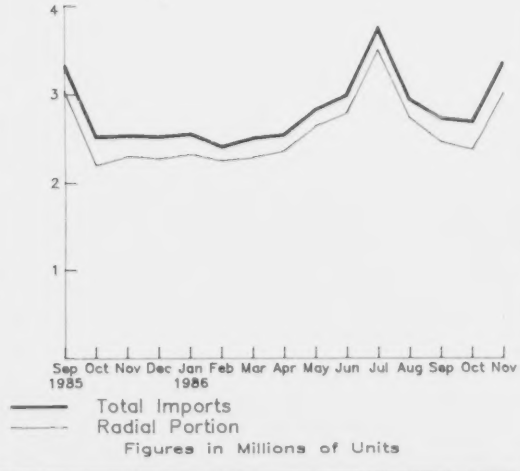
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS

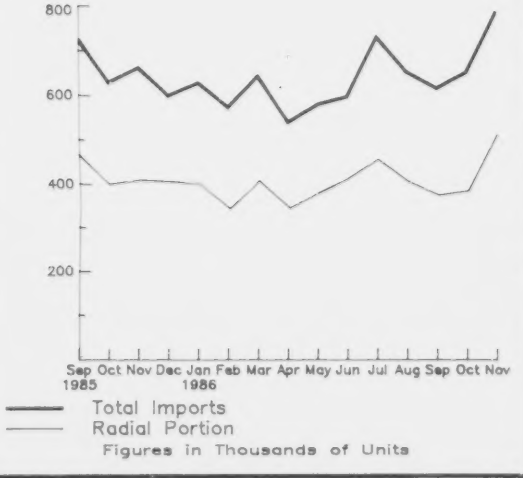
TRUCK & BUS TIRE SHIPMENTS



PASSENGER TIRE IMPORTS



TRUCK & BUS TIRE IMPORTS



Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. November 1986 total shipments are up +3.4% from November 1985 for passenger tires, and up +3.7% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1983 to 1985, passenger tire imports increased 93.5%, and truck and bus tire imports grew by 110.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT

(FIGURES IN THOUSANDS OF UNITS)

ISSUED: January 16, 1987

PASSENGER TIRES	November 1986	November 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
Shipments						
Original Equipment	4,132	4,502	-8.22	52,399	51,121	+2.50
Radial	3,479	3,743	-7.05	42,599	42,631	-0.08
Replacement	11,920	11,103	+7.36	133,367	130,691	+2.05
Radial	10,576	9,490	+11.44	115,429	106,115	+8.78
Export	356	257	+38.52	3,696	4,317	-14.38
Radial	276	163	+69.33	2,844	3,333	-14.67
Total	16,408	15,862	+3.44	189,462	186,129	+1.79
Radial	14,331	13,396	+6.98	160,872	152,079	+5.78
Production	12,716	12,761	-0.35	146,743	151,099	-2.88
Radial	11,046	10,712	+3.12	124,472	121,176	+2.72
Ending Inventory	27,032	32,404	-16.58	-	-	-
Radial	23,675	26,966	-12.20	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	524	626	-16.29	6,357	7,182	-11.49
Radial	360	411	-12.41	4,273	4,542	-5.92
Replacement	2,943	2,694	+9.24	28,987	29,588	-2.03
Radial	1,450	1,201	+20.73	14,459	12,824	+12.75
Export	87	108	-19.44	1,184	1,233	-3.97
Radial	50	60	-16.67	706	662	+6.65
Total	3,554	3,428	+3.68	36,528	38,003	-3.88
Radial	1,860	1,672	+11.24	19,438	18,028	+7.82
Production	2,428	2,437	-0.37	28,363	32,038	-11.47
Radial	1,315	1,176	+11.82	14,014	14,701	-4.67
Ending Inventory	6,649	7,619	-12.73	-	-	-
Radial	3,870	3,879	-0.23	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	31	50	-38.00	570	1,007	-43.40
Replacement	5	13	-61.54	59	114	-48.25
Export	-	-	-	-	1	-
Total	36	63	-42.86	629	1,122	-43.94
Production	26	65	-60.00	503	996	-49.50
Ending Inventory	79	147	-46.26	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	39	41	-4.88	481	568	-15.32
Replacement	109	129	-15.50	2,172	2,271	-4.36
Export	16	15	+6.67	161	160	+0.63
Total	164	185	-11.35	2,814	2,999	-6.17
Production	200	176	+13.64	2,501	2,541	-1.57
Ending Inventory	659	667	-1.20	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	429	424	+1.18	4,795	5,596	-14.31
Replacement	93	88	+5.68	1,707	1,682	+1.49
Export	12	12	+0.00	187	198	-5.56
Total	534	524	+1.91	6,689	7,476	-10.53
Production	579	616	-6.01	6,885	7,707	-10.67
Ending Inventory	2,324	1,934	+20.17	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	465	478	-2.72	6,331	6,772	-6.51
Truck & Bus	1,055	1,152	-8.42	14,186	15,329	-7.46
Tractor-Implement	155	143	+8.39	2,317	2,302	+0.65
Industrial & Utility	93	92	+1.09	1,516	1,773	-14.50

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
CUMULATIVE	27,473	2,788	1,426	595	3,242	1,946	1,547	28	541	4,078	2,470	3,663	253
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
June	2,798	198	110	66	303	117	180	3	42	468	203	336	42
July	3,506	236	119	112	337	161	156	4	91	361	261	395	32
August	2,734	205	89	76	315	170	104	4	74	344	177	290	23
September	2,462	260	84	106	289	134	86	4	46	310	148	243	27
October	2,382	303	89	101	295	166	146	4	51	383	130	235	25
November	3,015	342	105	81	404	195	160	5	83	343	180	396	55
CUMULATIVE	28,798	2,495	1,149	881	3,264	1,685	1,722	38	667	3,796	2,101	3,652	355
December													
% Change Month	26.6	12.9	18.0	-19.8	36.9	17.5	9.6	25.0	62.7	-10.4	38.5	68.5	120.0
% Change Month 86 vs. 85	30.7	48.7	-26.6	-1.2	51.9	14.7	77.8	66.7	186.2	19.1	-35.9	32.9	66.7
% Change Cumulative	4.8	-10.5	-19.4	48.1	.7	-13.4	11.3	35.7	23.3	-6.9	-14.9	-.3	40.3

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

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2/27/87 A8810-1

RMA Industry Report

RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

December 1986

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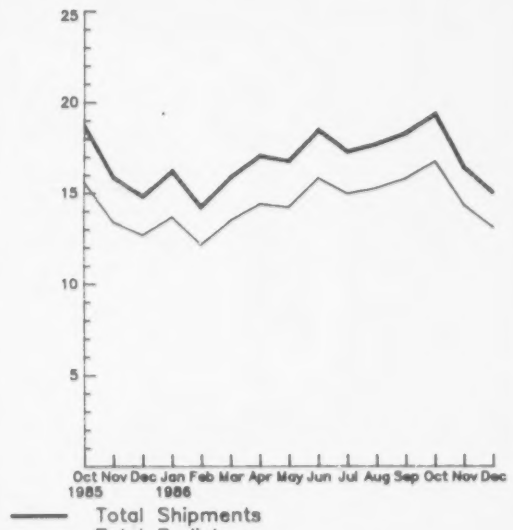
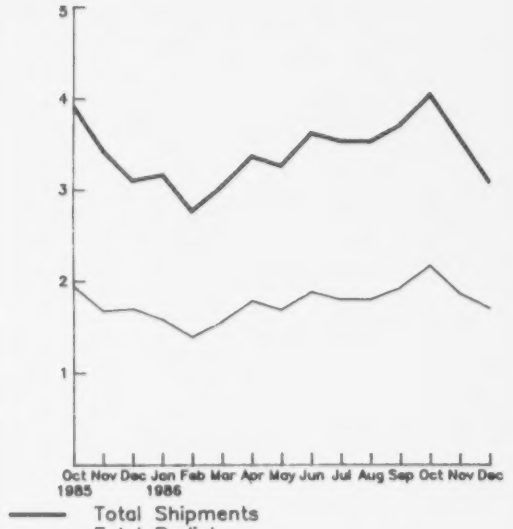
PASSENGER TIRE SHIPMENTS



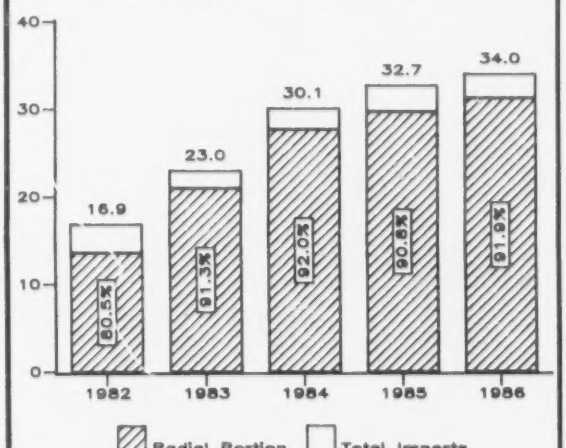
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

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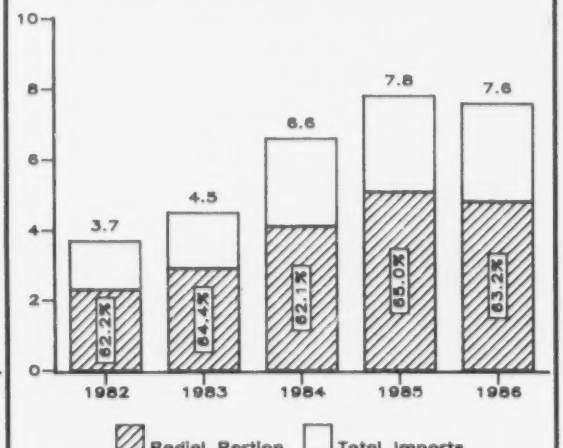

Figures in Millions of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. December 1986 total shipments are up +1.4% from December 1985 for passenger tires, and down -1.6% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1982 to 1986, passenger tire imports increased 101.1%, and truck and bus tire imports grew by 104.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: February 09, 1987

	December 1986	December 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
PASSENGER TIRES						
Shipments						
Original Equipment	3,766	3,718	+1.29	54,392	54,839	-0.82
Radial	3,179	3,142	+1.18	45,778	45,773	+0.01
Replacement	10,901	10,764	+1.27	144,267	141,455	+1.99
Radial	9,672	9,297	+4.03	125,102	115,412	+8.40
Export	336	308	+9.09	4,032	4,625	-12.82
Radial	255	223	+14.35	3,098	3,556	-12.88
Total	15,003	14,790	+1.44	202,691	200,919	+0.88
Radial	13,106	12,662	+3.51	173,978	164,741	+5.61
Production	12,607	11,485	+9.77	159,350	162,584	-1.99
Radial	10,972	9,776	+12.23	135,444	130,952	+3.43
Ending Inventory	27,630	32,240	-14.30	-	-	-
Radial	24,262	26,973	-10.05	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	502	515	-2.52	6,859	7,698	-10.90
Radial	358	352	+1.70	4,631	4,895	-5.39
Replacement	2,455	2,510	-2.19	32,392	32,098	+0.92
Radial	1,275	1,275	+0.00	15,732	14,099	+11.58
Export	118	101	+16.83	1,302	1,335	-2.47
Radial	67	61	+9.84	773	723	+6.92
Total	3,075	3,126	-1.63	40,553	41,131	-1.41
Radial	1,700	1,688	+0.71	21,136	19,717	+7.20
Production	2,576	2,301	+11.95	30,939	34,339	-9.90
Radial	1,462	1,114	+31.24	15,476	15,815	-2.14
Ending Inventory	6,656	7,583	-12.22	-	-	-
Radial	3,927	3,874	+1.37	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	36	41	-12.20	606	1,048	-42.18
Replacement	4	9	-55.56	63	123	-48.78
Export	-	-	-	-	1	-
Total	40	50	-20.00	669	1,172	-42.92
Production	28	46	-39.13	531	1,042	-49.04
Ending Inventory	73	152	-51.97	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	31	31	+0.00	512	599	-14.52
Replacement	147	124	+18.55	2,319	2,395	-3.17
Export	9	15	-40.00	170	175	-2.86
Total	187	170	+10.00	3,001	3,169	-5.30
Production	202	212	-4.72	2,704	2,753	-1.78
Ending Inventory	684	740	-7.57	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	514	464	+10.78	5,308	6,060	-12.41
Replacement	76	69	+10.14	2,897	1,751	+65.45
Export	15	11	+36.36	202	209	-3.35
Total	605	544	+11.21	8,407	8,020	+4.83
Production	561	589	-4.75	7,446	8,296	-10.25
Ending Inventory	2,282	2,017	+13.14	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	414	423	-2.13	6,745	7,195	-6.25
Truck & Bus	1,045	1,006	+3.88	15,230	16,335	-6.76
Tractor-Implement	138	134	+2.99	2,454	2,436	+0.74
Industrial & Utility	90	87	+3.45	1,752	1,860	-5.81

* Inner Tube figures are for shipments only, not production.
In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
CUMULATIVE	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
June	2,798	198	110	66	303	117	180	3	42	468	203	336	42
July	3,506	236	119	112	337	161	156	4	91	361	261	395	32
August	2,734	205	89	76	315	170	104	4	74	344	177	290	23
September	2,462	260	84	106	289	134	86	4	46	310	148	243	27
October	2,382	303	89	101	295	166	146	4	51	383	130	235	25
November	3,015	342	105	81	404	195	160	5	83	343	180	396	55
December	2,449	265	65	65	314	155	116	2	85	281	143	210	32
CUMULATIVE	31,246	2,759	1,213	946	3,578	1,840	1,838	40	752	4,077	2,244	3,862	387
% Change Month	-18.8	-22.5	-38.1	-19.8	-22.3	-20.5	-27.5	-60.0	2.4	-18.1	-20.6	-47.0	-41.8
% Change Month 86 vs. 85	7.7	8.2	-48.8	3.2	13.4	19.2	-25.6	-33.3	129.7	23.8	.7	13.5	28.0
% Change Cumulative	5.0	-9.0	-21.9	43.8	1.7	-11.4	7.9	29.0	30.1	-5.3	-14.1	.4	38.7

Figures may not add due to rounding. For further details on imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

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INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-government imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
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Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

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A8816-1

RUBBER MANUFACTURERS ASSOCIATION
1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4800

17 February 1987

TO: RECIPIENTS OF THE MONTHLY TIRE REPORT

FROM: MANAGEMENT INFORMATION SERVICES

Gentlemen:

Please note the following revisions in the Monthly Tire Report for November. In the Passenger category, the YTD OE for 1986 should have been 50,626 and YTD Total Shipments for 1986 should have been 187,689. In the T&B category the following revisions occurred: November Replacement is now 2,823, November Total Shipments is 3,434, and their respective YTD figures are Replacement 29,938 and Total Shipments 37,479.

The correct numbers are reflected in the December Monthly Tire Report. We apologize for any inconvenience this may have caused.

If you have any questions, please call us.

Sincerely,

Joe Kigin

Joe Kigin
Management Information Services

4/4/87 A8810-1

RMA Industry Report

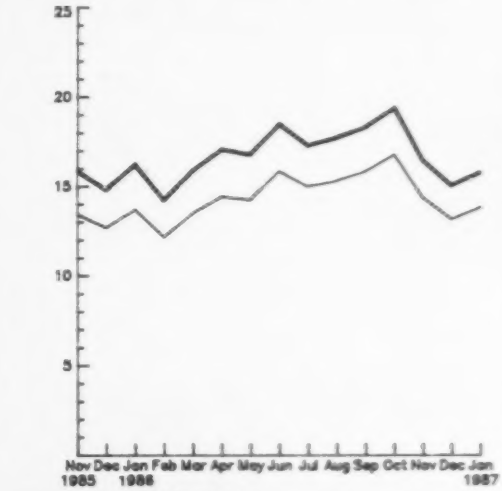
RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

January 1987

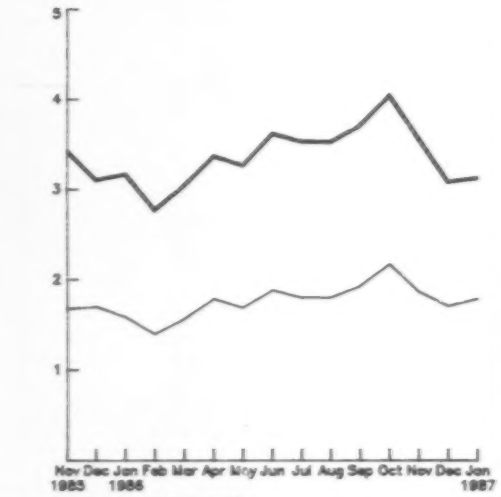
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



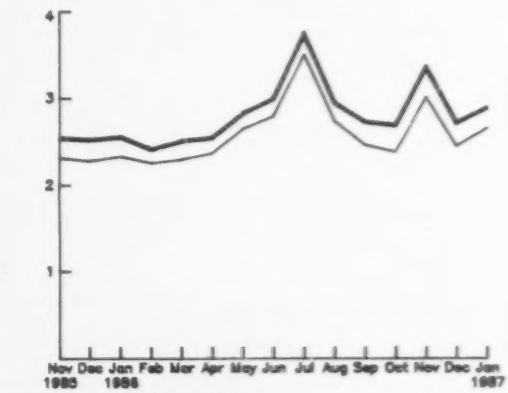
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



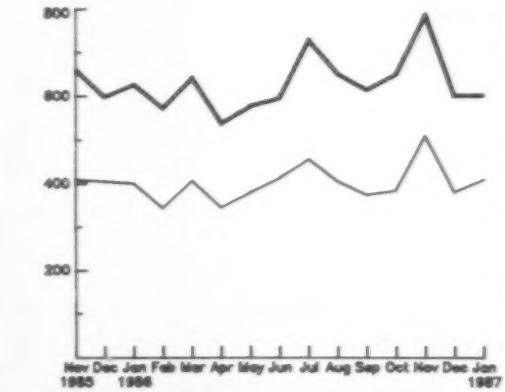
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. January 1987 total shipments are down -2.9% from January 1986 for passenger tires, and down -2.5% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1982 to 1986, passenger tire imports increased 101.1%, and truck and bus tire imports grew by 104.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: March 12, 1987

PASSENGER TIRES	January 1987	January 1986	% CHANGE	YTD 1987	YTD 1986	% CHANGE
Shipments						
Original Equipment	4,838	5,000	-3.24	-	-	-
Radial	4,081	4,178	-2.32	-	-	-
Replacement	10,557	10,904	-3.18	-	-	-
Radial	9,404	9,274	+1.40	-	-	-
Export	369	341	+8.21	-	-	-
Radial	316	242	+30.58	-	-	-
Total	15,764	16,245	-2.96	-	-	-
Radial	13,801	13,694	+0.78	-	-	-
Production	13,940	13,422	+3.86	-	-	-
Radial	12,074	11,324	+6.62	-	-	-
Ending Inventory	29,387	32,630	-9.94	-	-	-
Radial	25,778	27,491	-6.23	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	643	603	+6.63	-	-	-
Radial	453	388	+16.75	-	-	-
Replacement	2,360	2,504	-5.75	-	-	-
Radial	1,247	1,134	+9.96	-	-	-
Export	121	97	+24.74	-	-	-
Radial	86	57	+50.88	-	-	-
Total	3,124	3,204	-2.50	-	-	-
Radial	1,786	1,579	+13.11	-	-	-
Production	2,939	2,884	+1.91	-	-	-
Radial	1,604	1,339	+19.79	-	-	-
Ending Inventory	6,936	8,087	-14.23	-	-	-
Radial	3,996	4,131	-3.27	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	34	61	-44.26	-	-	-
Replacement	6	1	+500.00	-	-	-
Export	-	-	-	-	-	-
Total	40	62	-35.48	-	-	-
Production	44	71	-38.03	-	-	-
Ending Inventory	81	162	-50.00	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	41	50	-18.00	-	-	-
Replacement	202	229	-11.79	-	-	-
Export	18	19	-5.26	-	-	-
Total	261	298	-12.42	-	-	-
Production	253	305	-17.05	-	-	-
Ending Inventory	732	804	-8.96	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	736	596	+23.49	-	-	-
Replacement	215	189	+13.76	-	-	-
Export	17	21	-19.05	-	-	-
Total	968	806	+20.10	-	-	-
Production	725	752	-3.59	-	-	-
Ending Inventory	2,079	2,012	+3.33	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	533	638	-16.46	-	-	-
Truck & Bus	1,208	1,245	-2.97	-	-	-
Tractor-Implement	174	207	-15.94	-	-	-
Industrial & Utility	184	144	+27.78	-	-	-

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $500.00 subscription rate. Year-end reports are available at $500.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
CUMULATIVE	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
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December	2,449	265	65	65	314	155	116	2	85	281	143	210	32
ANNUAL	31,246	2,759	1,213	946	3,578	1,840	1,838	40	752	4,077	2,244	3,862	387
1987													
* January	2,661	235	101	64	308	128	272	2	51	324	157	352	17
CUMULATIVE	2,661	235	101	64	308	128	272	2	51	324	157	352	17
February													
March													
April													
May													
June													
July													
August													
September													
October													
November													
December													
% Change Month													
% Change Month 87 vs. 86	14.1	4.4	-19.2	28.0	12.0	-27.7	53.7	-33.3	10.9	-23.6	-32.6	7.6	-34.6
% Change Cumulative	14.1	4.4	-19.2	28.0	12.0	-27.7	53.7	-33.3	10.9	-23.6	-32.6	7.6	-34.6

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

* Please note that the numbers reported are preliminary numbers. The actual numbers will be reflected in next month's report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

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5/7/87 A8810-1

RMA Industry Report

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RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

February 1987

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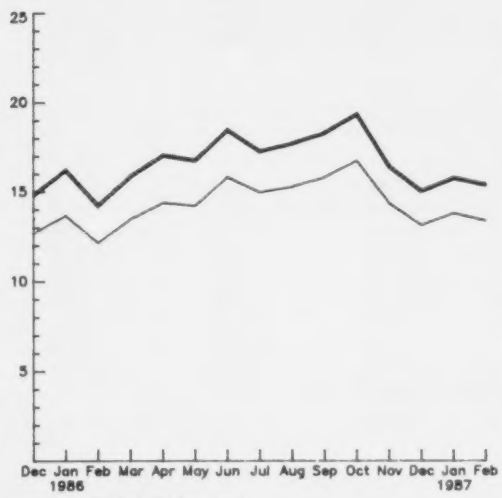
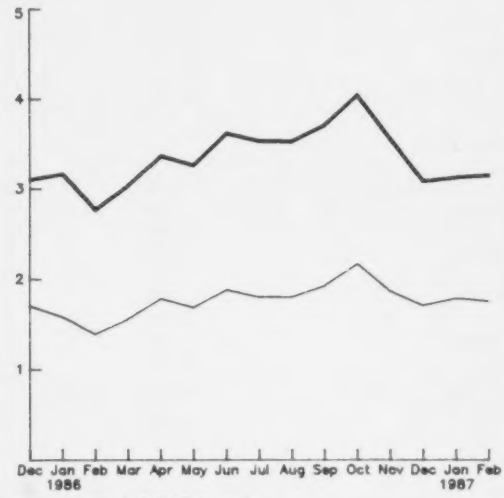
PASSENGER TIRE SHIPMENTS



Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



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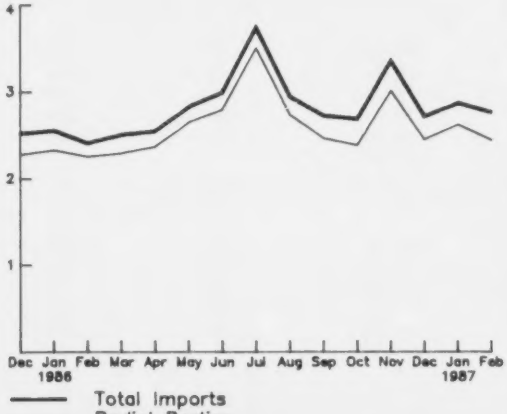
PASSENGER TIRE IMPORTS



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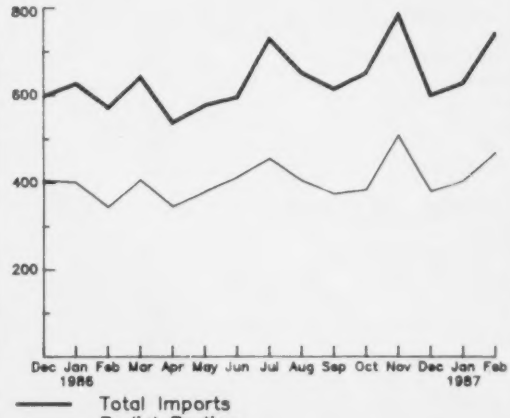
TRUCK & BUS TIRE IMPORTS



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RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: April 28, 1987

PASSENGER TIRES	February 1987	February 1986	% CHANGE	YTD 1987	YTD 1986	% CHANGE
Shipments						
Original Equipment	4,889	4,754	+2.84	9,727	9,754	-0.28
Radial	4,138	3,979	+4.00	8,219	8,157	+0.76
Replacement	9,966	9,100	+9.52	20,500	19,996	+2.52
Radial	8,791	7,902	+11.25	18,158	17,168	+5.77
Export	498	349	+42.69	867	689	+25.83
Radial	423	261	+62.07	819	503	+62.82
Total	15,353	14,203	+8.10	31,094	30,439	+2.15
Radial	13,352	12,142	+9.97	27,196	25,828	+5.30
Production	13,896	13,253	+4.85	27,836	26,675	+4.35
Radial	12,047	11,122	+8.32	24,121	22,447	+7.46
Ending Inventory	31,026	34,639	-10.43	-	-	-
Radial	27,221	29,249	-6.93	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	604	569	+6.15	1,247	1,171	+6.49
Radial	428	375	+14.13	881	763	+15.47
Replacement	2,385	2,068	+15.33	4,772	4,538	+5.16
Radial	1,208	941	+28.37	2,450	2,075	+18.07
Export	159	126	+26.19	280	223	+25.56
Radial	112	75	+49.33	198	132	+50.00
Total	3,148	2,763	+13.93	6,299	5,932	+6.19
Radial	1,748	1,391	+25.66	3,529	2,970	+18.82
Production	2,697	2,713	-0.59	5,636	5,597	+0.70
Radial	1,418	1,275	+11.22	4,033	2,615	+54.23
Ending Inventory	7,315	8,810	-16.97	-	-	-
Radial	4,225	4,508	-6.28	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	33	49	-32.65	67	109	-38.53
Replacement	3	1	+200.00	9	2	+350.00
Export	-	-	-	-	-	-
Total	36	50	-28.00	76	111	-31.53
Production	37	42	-11.90	79	113	-30.09
Ending Inventory	78	154	-49.35	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	46	46	+0.00	87	96	-9.37
Replacement	223	193	+15.54	425	424	+0.24
Export	18	20	-10.00	36	39	-7.69
Total	287	259	+10.81	548	559	-1.97
Production	246	240	+2.50	499	545	-8.44
Ending Inventory	706	793	-10.97	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	715	450	+58.89	1,451	1,047	+38.59
Replacement	175	170	+2.94	389	361	+7.76
Export	15	15	+0.00	32	36	-11.11
Total	905	635	+42.52	1,872	1,444	+29.64
Production	768	655	+17.25	1,493	1,406	+6.19
Ending Inventory	1,998	2,029	-1.53	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	557	525	+6.10	1,090	1,163	-6.28
Truck & Bus	1,158	1,120	+3.39	2,366	2,380	-0.59
Tractor-Implement	194	170	+14.12	368	377	-2.39
Industrial & Utility	158	124	+27.42	342	269	+27.14

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $500.00 subscription rate. Year-end reports are available at $500.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
CUMULATIVE	4,583	380	220	107	523	348	357	5	128	716	408	776	65
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
June	2,798	198	110	66	303	117	180	3	42	468	203	336	42
July	3,506	236	119	112	337	161	156	4	91	361	261	395	32
August	2,734	205	89	76	315	170	104	4	74	344	177	290	23
September	2,462	260	84	106	289	134	86	4	46	310	148	243	27
October	2,382	303	89	101	295	166	146	4	51	383	130	235	25
November	3,015	342	105	81	404	195	160	5	83	343	180	396	55
December	2,449	265	65	65	314	155	116	2	85	281	143	210	32
ANNUAL	31,246	2,759	1,213	946	3,578	1,840	1,838	40	752	4,077	2,244	3,862	387
1987													
January	2,625	247	106	56	298	168	187	2	28	301	140	328	29
February	2,440	320	146	121	323	152	169	6	35	416	137	413	70
CUMULATIVE	5,065	568	252	177	621	320	356	8	63	716	277	741	99
March													
April													
May													
June													
July													
August													
September													
October													
November													
December													
% Change Month	-7.0	29.6	37.7	116.1	8.4	-9.5	-9.6	200.0	25.0	38.2	-2.1	25.9	141.4
% Change Month 87 vs. 86	8.4	106.5	52.1	112.3	30.8	-11.1	-6.1	200.0	-57.3	42.5	-21.7	-8.0	79.5
% Change Cumulative	10.5	49.5	14.5	65.4	18.7	-8.0	-.3	60.0	-50.8	.0	-32.1	-4.5	52.3

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company, The
Bridgestone U.S.A., Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Corporation
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire Corporation
Firestone Tire & Rubber Company, The
General Tire, Division of GenCorp
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Corporation of America
Toyo Tire (USA) Corporation
Uniroyal-Goodrich Tire Company, The
Yokohama Tire Corporation

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RMA Industry Report

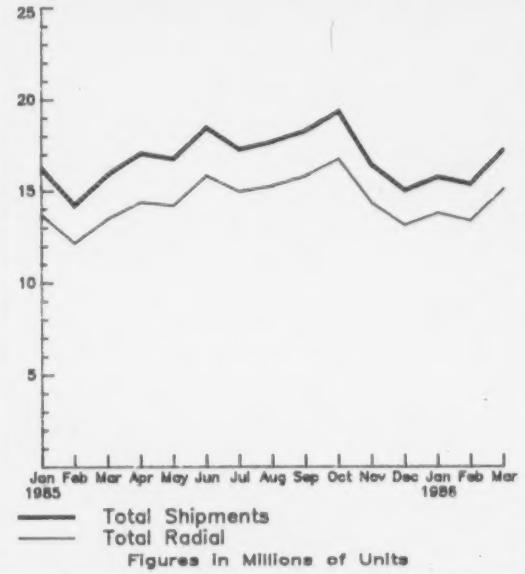
RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

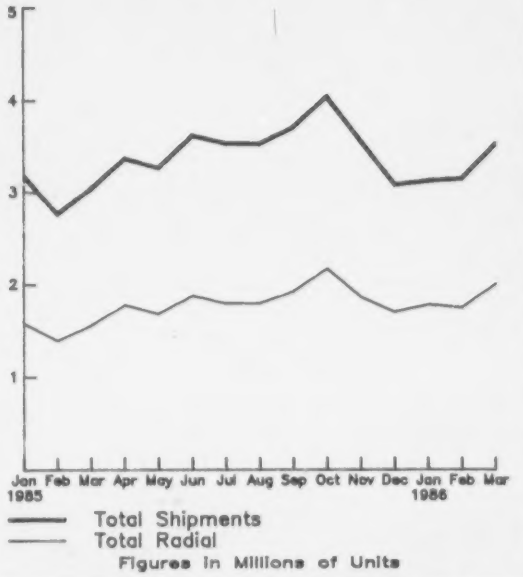
March 1987

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

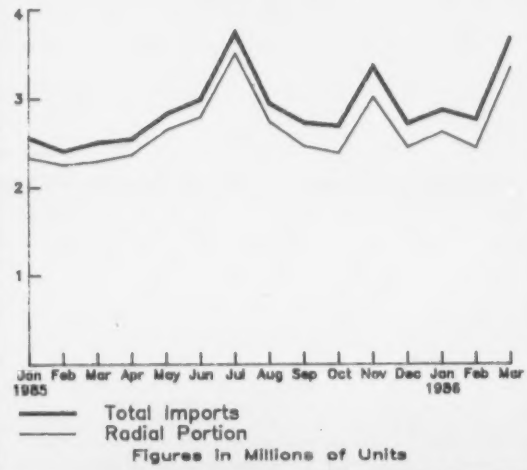
PASSENGER TIRE SHIPMENTS



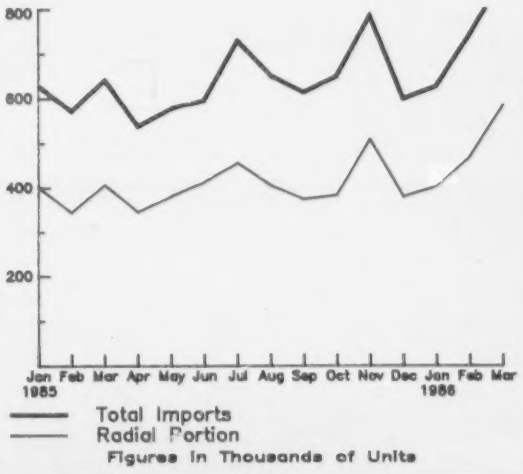
TRUCK & BUS TIRE SHIPMENTS



PASSENGER TIRE IMPORTS



TRUCK & BUS TIRE IMPORTS



Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. March 1987 total shipments are up +8.7% from March 1986 for passenger tires, and up +5.9% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1982 to 1986, passenger tire imports increased 101.1%, and truck and bus tire imports grew by 104.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: May 29, 1987

	March 1987	March 1986	% CHANGE	YTD 1987	YTD 1986	% CHANGE
PASSENGER TIRES						
Shipments						
Original Equipment	5,321	4,835	+10.05	15,048	14,589	+3.15
Radial	4,520	4,076	+10.89	12,739	12,233	+4.14
Replacement	11,517	10,689	+7.75	32,093	30,739	+4.40
Radial	10,219	9,119	+12.06	28,455	26,341	+8.03
Export	418	345	+21.16	1,285	1,034	+24.27
Radial	367	281	+30.60	1,106	785	+40.89
Total	17,256	15,869	+8.74	48,426	46,362	+4.45
Radial	15,106	13,476	+12.10	42,300	39,359	+7.47
Production	14,779	14,313	+3.26	42,614	40,988	+3.97
Radial	12,761	12,001	+6.33	36,882	34,448	+7.07
Ending Inventory	32,761	36,179	-9.45	-	-	-
Radial	28,803	30,637	-5.99	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	698	594	+17.51	1,946	1,766	+10.19
Radial	491	403	+21.84	1,371	1,166	+17.58
Replacement	2,665	2,332	+14.28	7,465	6,904	+8.13
Radial	1,398	1,089	+28.37	3,874	3,184	+21.67
Export	167	115	+45.22	447	338	+32.25
Radial	118	70	+68.57	317	203	+56.16
Total	3,530	3,041	+16.08	9,858	9,008	+9.44
Radial	2,007	1,562	+28.49	5,562	4,553	+22.16
Production	2,954	2,655	+11.26	8,590	8,251	+4.11
Radial	1,577	1,310	+20.38	4,600	3,925	+17.20
Ending Inventory	7,912	9,180	-13.81	-	-	-
Radial	4,614	4,768	-3.23	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	61	52	+17.31	128	161	-20.50
Replacement	15	21	-28.57	24	23	+4.35
Export	-	-	-	-	-	-
Total	76	73	+4.11	152	184	-17.39
Production	35	48	-27.08	116	161	-27.95
Ending Inventory	58	150	-61.33	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	46	48	-4.17	133	143	-6.99
Replacement	220	195	+12.82	645	619	+4.20
Export	24	17	+41.18	60	56	+7.14
Total	290	260	+11.54	838	818	+2.44
Production	267	210	+27.14	766	755	+1.46
Ending Inventory	701	773	-9.31	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	740	581	+27.37	2,192	2,113	+3.74
Replacement	179	142	+26.06	568	503	+12.92
Export	25	16	+56.25	57	52	+9.62
Total	944	739	+27.74	2,817	2,668	+5.58
Production	829	595	+39.33	2,322	2,034	+14.16
Ending Inventory	1,911	2,025	-5.63	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	583	497	+17.30	1,673	1,660	+0.78
Truck & Bus	1,245	1,214	+2.55	3,616	3,594	+0.61
Tractor-Implement	215	230	-6.52	584	607	-3.79
Industrial & Utility	152	123	+23.58	494	447	+10.51

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $500.00 subscription rate. Year-end reports are available at $500.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES		
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes
1986												
January	2,332	225	125	50	275	177	177	3	46	424	233	327
February	2,251	155	96	57	247	171	180	2	82	292	175	449
March	2,296	213	109	78	298	157	165	4	64	372	218	360
CUMULATIVE	6,879	593	330	186	821	505	521	9	192	1,087	626	1,136
April	2,371	178	113	86	231	107	118	5	47	255	172	308
May	2,650	179	110	68	270	130	252	2	42	244	204	313
June	2,798	198	110	66	303	117	180	3	42	468	203	336
July	3,506	236	119	112	337	161	156	4	91	361	261	395
August	2,734	205	89	76	315	170	104	4	74	344	177	290
September	2,462	260	84	106	289	134	86	4	46	310	148	243
October	2,382	303	89	101	295	166	146	4	51	383	130	235
November	3,015	342	105	81	404	195	160	5	83	343	180	396
December	2,449	265	65	65	314	155	116	2	85	281	143	210
ANNUAL	31,246	2,759	1,213	946	3,578	1,840	1,838	40	752	4,077	2,244	3,862
1987												
January	2,625	247	106	56	298	168	187	2	28	301	140	328
February	2,440	320	146	121	323	152	169	6	35	416	137	413
March	3,345	334	161	107	424	173	166	2	43	292	155	441
CUMULATIVE	8,411	902	413	284	1,045	493	521	10	106	1,008	432	1,182
April												
May												
June												
July												
August												
September												
October												
November												
December												
% Change Month	37.1	4.4	10.3	-11.6	31.3	13.8	-1.8	-66.7	22.9	-29.8	13.1	6.8
% Change Month 87 vs. 86	45.7	56.8	47.7	37.2	42.3	10.2	.6	-50.0	-32.8	-21.5	-28.9	22.5
% Change Cumulative	22.3	52.1	25.2	52.7	27.3	-2.4	.0	11.1	-44.8	-7.3	-31.0	4.0

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

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Firestone Tire & Rubber Company, The
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Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
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Sumitomo Corporation of America
Toyo Tire (USA) Corporation
Uniroyal-Goodrich Tire Company, The
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7/13/87 A8810-1

RMA Industry Report

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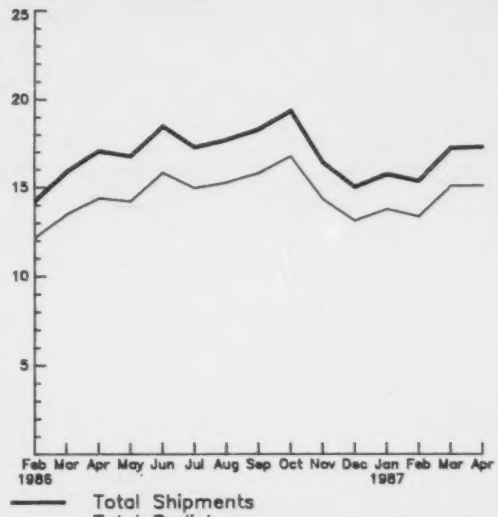
RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

April 1987

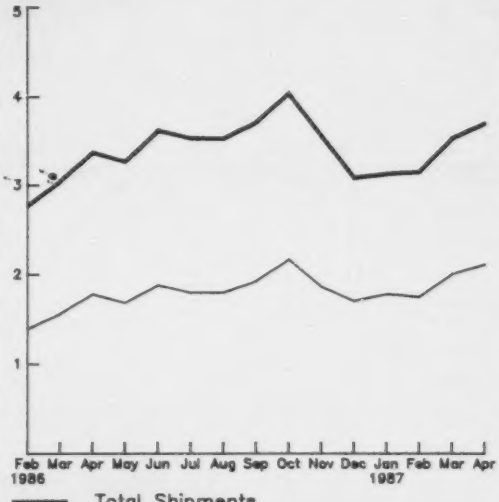
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



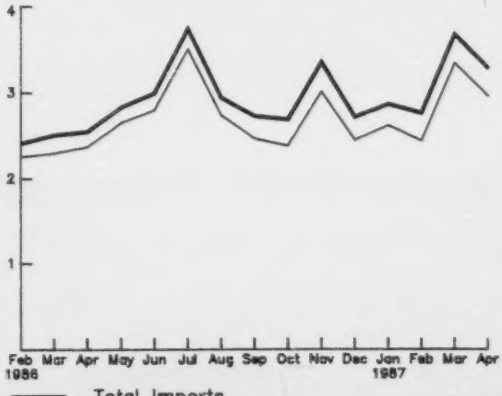
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



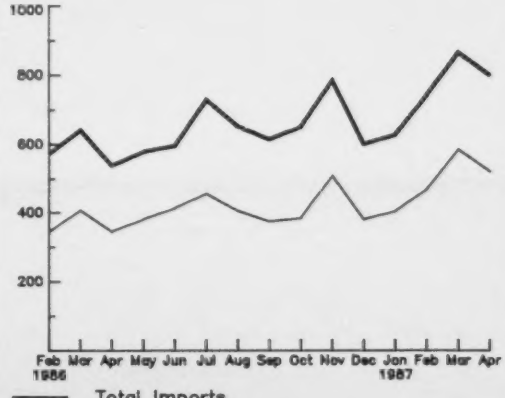
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. April 1987 total shipments are up +1.5% from April 1986 for passenger tires, and up +9.9% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1982 to 1986, passenger tire imports increased 101.1%, and truck and bus tire imports grew by 104.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: June 24, 1987

	April 1987	April 1986	% CHANGE	YTD 1987	YTD 1986	% CHANGE
PASSENGER TIRES						
Shipments						
Original Equipment	4,699	4,831	-2.73	19,747	19,419	+1.69
Radial	3,956	4,015	-1.47	16,695	16,248	+2.75
Replacement	12,203	11,910	+2.46	44,295	42,649	+3.86
Radial	10,797	10,119	+6.70	39,250	36,460	+7.65
Export	427	332	+28.61	1,712	1,366	+25.33
Radial	380	267	+42.32	1,486	1,052	+41.25
Total	17,329	17,073	+1.50	65,754	63,434	+3.66
Radial	15,133	14,401	+5.08	57,431	53,760	+6.83
Production	13,911	13,496	+3.07	56,525	54,483	+3.75
Radial	12,091	11,417	+5.90	48,973	45,865	+6.78
Ending Inventory	32,173	35,611	-9.65	-	-	-
Radial	28,398	30,529	-6.98	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	709	628	+12.90	2,654	2,394	+10.86
Radial	496	417	+18.94	1,867	1,583	+17.94
Replacement	2,829	2,616	+8.14	10,295	9,523	+8.11
Radial	1,512	1,289	+17.30	5,386	4,473	+20.41
Export	163	125	+30.40	610	463	+31.75
Radial	109	79	+37.97	426	281	+51.60
Total	3,701	3,369	+9.85	13,559	12,380	+9.52
Radial	2,117	1,785	+18.60	7,679	6,337	+21.18
Production	2,769	2,541	+8.97	11,359	10,792	+5.25
Radial	1,522	1,250	+21.76	6,121	5,175	+18.28
Ending Inventory	7,789	8,908	-12.56	-	-	-
Radial	4,583	4,594	-0.24	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	66	47	+40.43	194	208	-6.73
Replacement	9	7	+28.57	33	29	+13.79
Export	-	-	-	-	-	-
Total	75	54	+38.89	227	237	-4.22
Production	51	46	+10.87	166	208	-20.19
Ending Inventory	40	149	-73.15	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	51	50	+2.00	184	194	-5.15
Replacement	261	261	+0.00	906	881	+2.84
Export	20	14	+42.86	80	70	+14.29
Total	332	325	+2.15	1,170	1,145	+2.18
Production	262	213	+23.00	1,028	968	+6.20
Ending Inventory	645	691	-6.66	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	758	757	+0.13	2,949	2,870	+2.75
Replacement	185	162	+14.20	753	665	+13.23
Export	24	22	+9.09	81	75	+8.00
Total	967	941	+2.76	3,783	3,610	+4.79
Production	768	766	+0.26	3,090	2,767	+11.67
Ending Inventory	1,724	2,025	-14.86	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	519	530	-2.08	2,192	2,190	+0.09
Truck & Bus	1,237	1,326	-6.71	4,853	4,920	-1.36
Tractor-Implement	270	237	+13.92	854	844	+1.18
Industrial & Utility	172	158	+8.86	666	605	+10.08

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $500.00 subscription rate. Year-end reports are available at $500.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5901
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
CUMULATIVE	9,250	771	442	272	1,051	612	639	14	240	1,342	798	1,444	119
May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
June	2,793	198	110	66	303	117	180	3	42	468	203	336	42
July	3,506	236	119	112	337	161	156	4	91	361	261	395	32
August	2,734	205	89	76	315	170	104	4	74	344	177	290	23
September	2,462	260	84	106	289	134	86	4	46	310	148	243	27
October	2,382	303	89	101	295	166	146	4	51	383	130	235	25
November	3,015	342	105	81	404	195	160	5	83	343	180	396	55
December	2,449	265	65	65	314	155	116	2	85	281	143	210	32
ANNUAL	31,246	2,759	1,213	946	3,578	1,840	1,838	40	752	4,077	2,244	3,862	387
1987													
January	2,625	247	106	56	298	168	187	2	28	301	140	328	29
February	2,440	320	146	121	323	152	169	6	35	416	137	413	70
March	3,345	334	161	107	424	173	166	2	43	292	155	441	45
April	2,961	318	167	112	352	167	143	3	50	285	136	422	32
CUMULATIVE	11,371	1,220	580	396	1,398	660	664	14	156	1,293	569	1,604	177
May													
June													
July													
August													
September													
October													
November													
December													
% Change Month	-11.5	-4.8	3.7	4.7	-17.0	-3.5	-13.9	50.0	16.3	-2.4	-12.3	-4.3	-28.9
% Change Month 87 vs. 86	24.9	78.7	47.8	30.2	52.4	56.1	21.2	-40.0	6.4	11.8	-20.9	37.0	68.4
% Change Cumulative	22.9	58.2	31.2	45.6	33.0	7.8	3.9	.0	-35.0	-3.7	-28.7	11.1	48.7

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RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

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Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

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Continental Tire Corporation
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire Corporation
Firestone Tire & Rubber Company, The
General Tire, Division of GenCorp
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Corporation of America
Toyo Tire (USA) Corporation
Uniroyal-Goodrich Tire Company, The
Yokohama Tire Corporation

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8/7/87 A8810-1

RMA Industry Report

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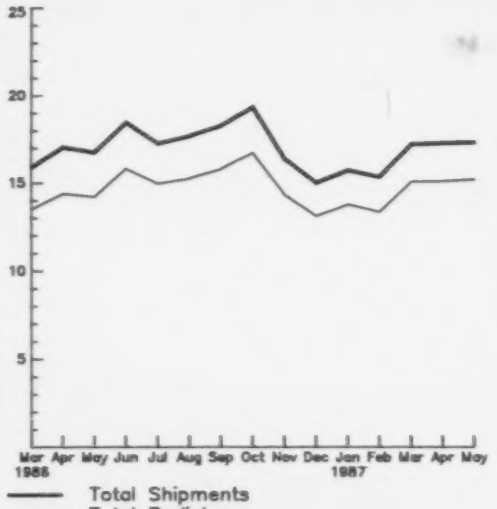
MONTHLY TIRE REPORT

May 1987

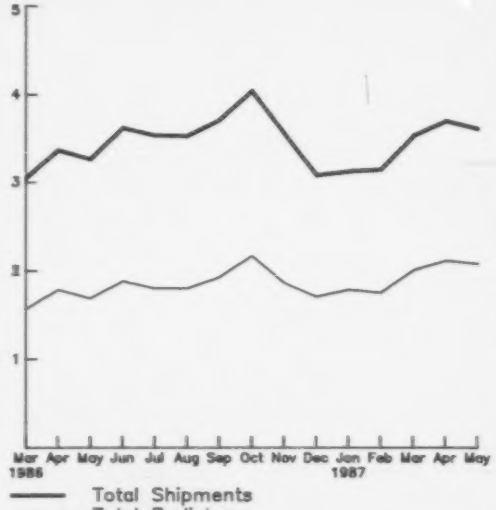
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



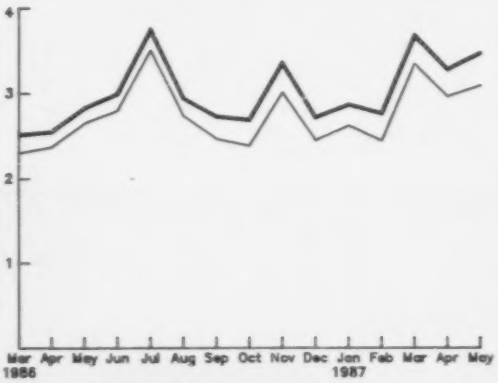
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



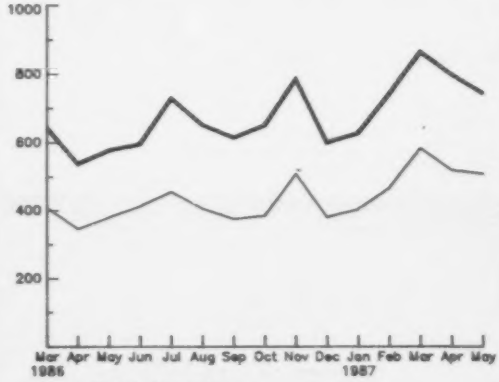
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. May 1987 total shipments are up +3.7% from May 1986 for passenger tires, and up +10.6% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1982 to 1986, passenger tire imports increased 101.1%, and truck and bus tire imports grew by 104.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: July 27, 1987

	May 1987	May 1986	% CHANGE	YTD 1987	YTD 1986	% CHANGE
PASSENGER TIRES						
Shipments						
Original Equipment	4,687	4,774	-1.82	24,434	24,194	+0.99
Radial	3,955	4,003	-1.20	20,650	20,251	+1.97
Replacement	12,218	11,728	+4.18	56,512	54,376	+3.93
Radial	10,871	10,012	+8.58	50,120	46,471	+7.85
Export	470	251	+87.25	2,182	1,617	+34.94
Radial	406	185	+119.46	1,892	1,237	+52.95
Total	17,375	16,753	+3.71	83,128	80,187	+3.67
Radial	15,232	14,200	+7.27	72,662	67,959	+6.92
Production	13,484	12,555	+7.40	70,009	67,038	+4.43
Radial	11,861	10,732	+10.52	60,834	59,597	+2.08
Ending Inventory	32,556	34,858	-6.60	-	-	-
Radial	28,834	30,318	-4.89	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	713	643	+10.89	3,367	3,037	+10.87
Radial	501	430	+16.51	2,368	2,013	+17.64
Replacement	2,731	2,501	+9.20	13,027	12,022	+8.36
Radial	1,464	1,173	+24.81	6,850	5,646	+21.32
Export	162	117	+38.46	772	579	+33.33
Radial	111	80	+38.75	537	361	+48.75
Total	3,606	3,261	+10.58	17,166	15,638	+9.77
Radial	2,076	1,683	+23.35	9,755	8,020	+21.63
Production	3,498	2,448	+42.89	14,857	13,240	+12.21
Radial	2,304	1,195	+92.80	8,425	6,370	+32.26
Ending Inventory	7,756	9,883	-21.52	-	-	-
Radial	4,603	4,669	-1.41	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	76	61	+24.59	270	269	+0.37
Replacement	8	10	-20.00	41	40	+2.50
Export	-	-	-	-	-	-
Total	84	71	+18.31	311	309	+0.65
Production	75	30	+150.00	241	238	+1.26
Ending Inventory	40	117	-65.81	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	42	44	-4.55	226	237	-4.64
Replacement	226	175	+29.14	1,133	1,056	+7.29
Export	15	14	+7.14	95	84	+13.10
Total	283	233	+21.46	1,454	1,377	+5.59
Production	248	225	+10.22	1,276	1,193	+6.96
Ending Inventory	630	709	-11.14	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	694	627	+10.69	3,644	3,497	+4.20
Replacement	188	165	+13.94	941	830	+13.37
Export	19	19	+0.00	99	94	+5.32
Total	901	811	+11.10	4,684	4,421	+5.95
Production	756	629	+20.19	3,845	3,396	+13.22
Ending Inventory	1,615	2,012	-19.73	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	456	518	-11.97	2,342	2,708	-13.52
Truck & Bus	1,144	1,256	-8.92	5,682	6,176	-8.00
Tractor-Implement	229	192	+19.27	1,082	1,037	+4.34
Industrial & Utility	154	121	+27.27	820	726	+12.95

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $500.00 subscription rate. Year-end reports are available at $500.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

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(Units are rounded and expressed in thousands)

	TIRES									TUBES		
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	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes
1986												
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April	2,371	178	113	86	231	107	118	5	47	255	172	308
May	2,650	179	110	68	270	130	252	2	42	244	204	313
CUMULATIVE	11,899	950	553	340	1,322	742	891	15	282	1,587	1,003	1,757
June	2,798	198	110	66	303	117	180	3	42	468	203	336
July	3,506	236	119	112	337	161	156	4	91	361	261	395
August	2,734	205	89	76	315	170	104	4	74	344	177	290
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October	2,382	303	89	101	295	166	146	4	51	383	130	235
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March	3,345	334	161	107	424	173	166	2	43	292	155	441
April	2,961	318	167	112	352	167	143	3	50	285	136	422
May	3,095	385	169	76	339	159	160	6	52	364	169	388
CUMULATIVE	14,466	1,604	749	471	1,736	819	825	20	208	1,657	737	1,991
June												
July												
August												
September												
October												
November												
December												
% Change Month	4.5	21.1	1.2	-32.1	-3.7	-4.8	11.9	100.0	4.0	27.7	24.3	-8.1
% Change Month 87 vs. 86	16.8	115.1	53.6	11.8	25.6	22.3	-36.5	200.0	23.8	49.2	-17.2	24.0
% Change Cumulative	21.6	68.8	35.4	38.5	31.3	10.4	-7.4	33.3	-26.2	4.4	-26.5	13.3

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

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Lee Tire & Rubber Company
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Michelin Tire Corporation
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4/10/87 A8810-1

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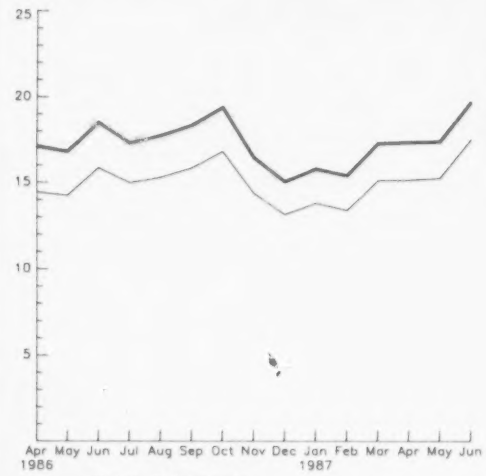
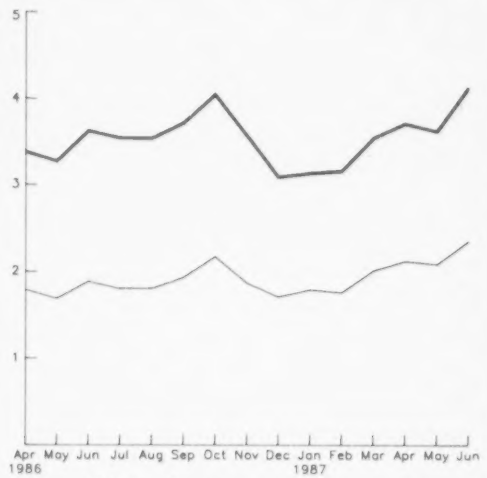
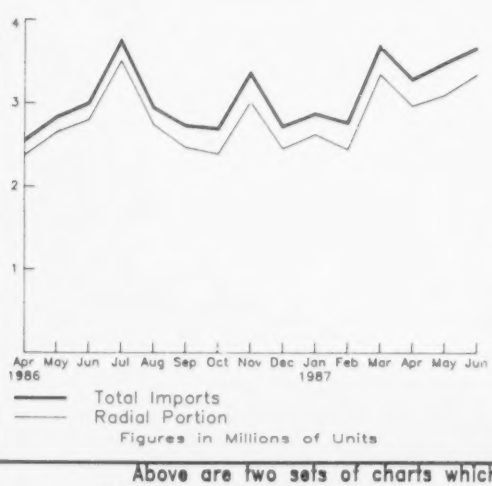


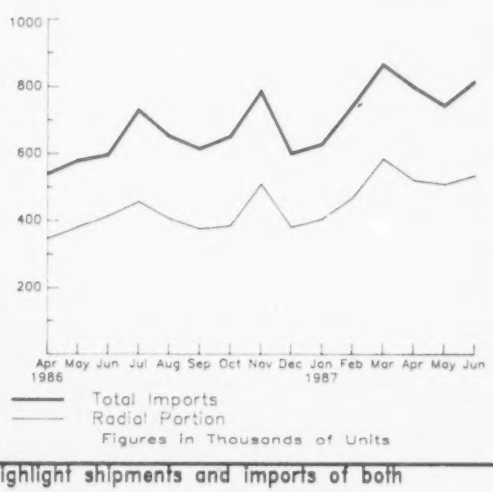
TRUCK & BUS TIRE SHIPMENTS



PASSENGER TIRE IMPORTS



TRUCK & BUS TIRE IMPORTS



Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. June 1987 total shipments are up +6.6% from June 1986 for passenger tires, and up +13.8% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1982 to 1986, passenger tire imports increased 101.1%, and truck and bus tire imports grew by 104.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: August 31, 1987

PASSENGER TIRES	June 1987	June 1986	% CHANGE	YTD 1987	YTD 1986	% CHANGE
Shipments						
Original Equipment	4,472	4,928	-9.25	28,906	29,122	-0.74
Radial	3,800	4,149	-8.41	24,450	24,400	+0.20
Replacement	14,703	13,317	+10.41	71,215	67,694	+5.20
Radial	13,242	11,523	+14.92	63,362	57,995	+9.25
Export	533	242	+120.25	2,714	1,859	+45.99
Radial	454	165	+175.15	2,346	1,402	+67.33
Total	19,708	18,487	+6.60	102,835	98,675	+4.22
Radial	17,496	15,837	+10.48	90,158	83,797	+7.59
Production	13,709	12,252	+11.89	83,718	79,290	+5.58
Radial	12,049	10,231	+17.77	72,884	66,828	+9.06
Ending Inventory	30,503	31,755	-3.94	-	-	-
Radial	27,036	27,645	-2.20	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	673	604	+11.42	4,040	3,641	+10.96
Radial	450	404	+11.39	2,818	2,417	+16.59
Replacement	3,280	2,912	+12.64	16,306	14,933	+9.19
Radial	1,773	1,419	+24.95	8,621	7,064	+22.04
Export	168	104	+61.54	941	683	+37.77
Radial	124	59	+110.17	662	420	+57.62
Total	4,121	3,620	+13.84	21,287	19,257	+10.54
Radial	2,347	1,882	+24.71	12,101	9,901	+22.22
Production	2,839	2,395	+18.54	17,696	15,636	+13.17
Radial	1,607	1,152	+39.50	10,032	7,522	+33.37
Ending Inventory	7,369	8,254	-10.72	-	-	-
Radial	4,449	4,350	+2.28	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	72	61	+18.03	342	330	+3.64
Replacement	7	2	+250.00	47	42	+11.90
Export	-	-	-	-	-	-
Total	79	63	+25.40	389	372	+4.57
Production	77	51	+50.98	317	289	+9.69
Ending Inventory	42	106	-60.38	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	51	42	+21.43	277	280	-1.07
Replacement	237	204	+16.18	1,370	1,260	+8.73
Export	19	11	+72.73	113	95	+18.95
Total	307	257	+19.46	1,760	1,635	+7.65
Production	245	222	+10.36	1,520	1,416	+7.34
Ending Inventory	590	692	-14.74	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	605	380	+59.21	4,248	3,877	+9.57
Replacement	186	180	+3.33	1,127	1,009	+11.69
Export	4	19	-78.95	124	113	+9.73
Total	795	579	+37.31	5,499	4,999	+10.00
Production	743	590	+25.93	4,588	3,986	+15.10
Ending Inventory	1,530	2,179	-29.78	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	559	617	-9.40	2,960	3,386	-12.58
Truck & Bus	1,403	1,400	+0.21	7,159	7,077	+1.16
Tractor-Implement	283	206	+37.38	1,366	1,242	+9.98
Industrial & Utility	198	176	+12.50	1,018	902	+12.86

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $500.00 subscription rate. Year-end reports are available at $500.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES		
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes
1986												
January	2,332	225	125	50	275	177	177	3	46	424	233	327
February	2,251	155	96	57	247	171	180	2	82	292	175	449
March	2,296	213	109	78	298	157	165	4	64	372	218	360
April	2,371	178	113	86	231	107	118	5	47	255	172	308
May	2,650	179	110	68	270	130	252	2	42	244	204	313
June	2,798	198	110	66	303	117	180	3	42	468	203	336
CUMULATIVE	14,698	1,149	663	406	1,624	859	1,071	18	323	2,055	1,206	2,093
July	3,506	236	119	112	337	161	156	4	91	361	261	395
August	2,734	205	89	76	315	170	104	4	74	344	177	290
September	2,462	260	84	106	289	134	86	4	46	310	148	243
October	2,382	303	89	101	295	166	146	4	51	383	130	235
November	3,015	342	105	81	404	195	160	5	83	343	180	396
December	2,449	265	65	65	314	155	116	2	85	281	143	210
ANNUAL	31,246	2,759	1,213	946	3,578	1,840	1,838	40	752	4,077	2,244	3,862
1987												
January	2,625	247	106	56	298	168	187	2	28	301	140	328
February	2,440	320	146	121	323	152	169	6	35	416	137	413
March	3,345	334	161	107	424	173	166	2	43	292	155	441
April	2,961	318	167	112	352	167	143	3	50	285	136	422
May	3,095	385	169	76	339	159	160	6	52	364	169	388
June	3,345	317	141	89	395	192	168	3	81	253	153	407
CUMULATIVE	17,811	1,921	890	561	2,131	1,011	993	23	289	1,910	890	2,398
July												
August												
September												
October												
November												
December												
% Change Month	8.1	-17.7	-16.6	17.1	16.5	20.8	5.0	-50.0	55.8	-30.5	-9.5	4.9
% Change Month 87 vs. 86	19.5	60.1	28.2	34.8	30.4	64.1	-6.7	.0	92.9	-45.9	-24.6	21.1
% Change Cumulative	21.2	67.2	34.2	38.2	31.2	17.7	-7.3	27.8	-10.5	-7.1	-26.2	14.6

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

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MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company, The
Bridgestone U.S.A., Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Corporation
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire Corporation
Firestone Tire & Rubber Company, The
General Tire, Division of GenCorp
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Corporation of America
Toyo Tire (USA) Corporation
Uniroyal-Goodrich Tire Company, The
Yokohama Tire Corporation

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9/30/87 A8810-1

RMA Industry Report

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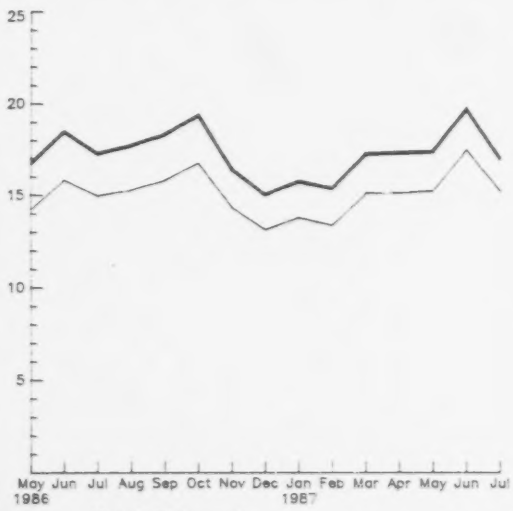
RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

July 1987

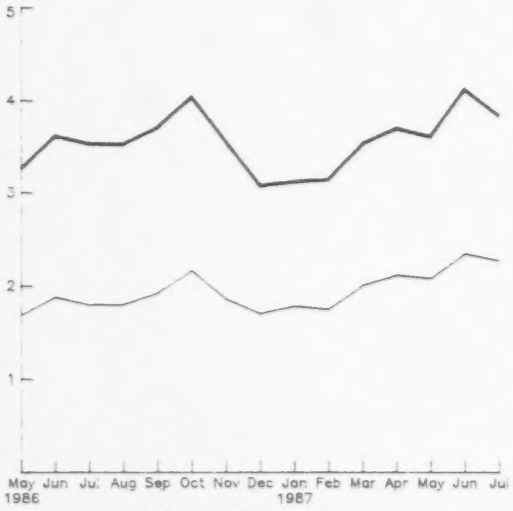
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



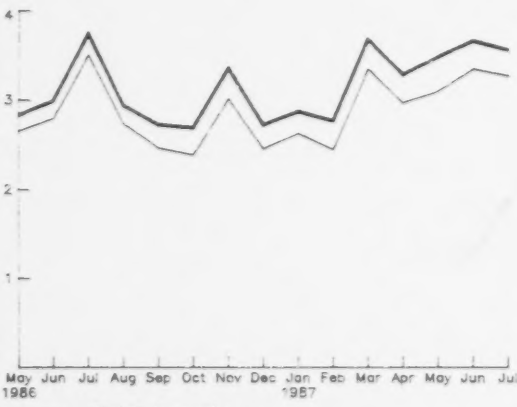
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



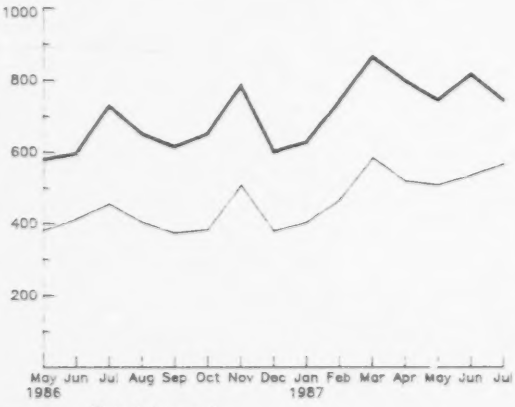
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. July 1987 total shipments are up +8.7% from July 1986 for passenger tires, and up +19.6% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1982 to 1986, passenger tire imports increased 101.1%, and truck and bus tire imports grew by 104.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: September 21, 1987

PASSENGER TIRES	July 1987	July 1986	% CHANGE	YTD 1987	YTD 1986	% CHANGE
Shipments						
Original Equipment	2,987	3,480	-14.17	31,893	32,602	-2.17
Radial	2,572	2,930	-12.22	27,022	27,330	-1.13
Replacement	13,483	11,826	+14.01	84,698	74,438	+13.78
Radial	12,206	10,259	+18.98	75,568	63,819	+18.41
Export	507	316	+60.44	3,222	2,175	+48.14
Radial	446	244	+82.79	2,792	1,646	+69.62
Total	16,977	15,622	+8.67	119,813	109,215	+9.70
Radial	15,224	13,433	+13.33	105,382	92,795	+13.56
Production	13,011	11,882	+9.50	96,729	91,172	+6.10
Radial	11,556	10,205	+13.24	84,439	77,033	+9.61
Ending Inventory	30,256	30,176	+0.27	-	-	-
Radial	26,777	26,461	+1.19	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	618	498	+24.10	4,658	4,138	+12.57
Radial	420	332	+26.51	3,238	2,749	+17.79
Replacement	3,048	2,631	+15.85	19,354	16,161	+19.76
Radial	1,733	1,271	+36.35	10,355	7,619	+35.91
Export	169	78	+116.67	1,109	762	+45.54
Radial	117	46	+154.35	779	466	+67.17
Total	3,835	3,207	+19.58	25,121	21,061	+19.28
Radial	2,270	1,649	+37.66	14,372	10,834	+32.66
Production	2,785	2,321	+19.99	20,480	17,956	+14.06
Radial	1,559	1,135	+37.36	11,590	8,657	+33.88
Ending Inventory	7,088	7,860	-9.82	-	-	-
Radial	4,311	4,211	+2.37	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	72	57	+26.32	414	387	+6.98
Replacement	19	4	+375.00	67	46	+45.65
Export	-	-	-	-	-	-
Total	91	61	+49.18	481	433	+11.09
Production	82	63	+30.16	400	352	+13.64
Ending Inventory	54	114	-52.63	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	55	41	+34.15	332	321	+3.43
Replacement	235	206	+14.08	1,106	1,466	-24.56
Export	14	10	+40.00	127	106	+19.81
Total	304	257	+18.29	1,565	1,893	-17.33
Production	234	202	+15.84	1,754	1,618	+8.41
Ending Inventory	540	658	-17.93	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	337	278	+21.22	4,526	3,102	+45.91
Replacement	125	293	-57.34	1,421	3,408	-58.30
Export	25	10	+150.00	149	123	+21.14
Total	487	581	-16.18	6,096	6,633	-8.10
Production	517	418	+23.68	5,104	4,404	+15.89
Ending Inventory	1,524	2,163	-29.54	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	403	521	-22.65	3,363	3,906	-13.90
Truck & Bus	1,094	1,315	-16.81	8,253	8,892	-7.19
Tractor-Implement	191	228	-16.23	1,557	1,470	+5.92
Industrial & Utility	146	160	-8.75	1,164	1,051	+10.75

* Inner Tube figures are for shipments only, not production.
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(Units are rounded and expressed in thousands)

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	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes
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June	2,798	198	110	66	303	117	180	3	42	468	203	336
July	3,506	236	119	112	337	161	156	4	91	361	261	395
CUMULATIVE	18,204	1,385	782	518	1,961	1,020	1,227	22	414	2,415	1,466	2,488
August	2,734	205	89	76	315	170	104	4	74	344	177	290
September	2,462	260	84	106	289	134	86	4	46	310	148	243
October	2,382	303	89	101	295	166	146	4	51	383	130	235
November	3,015	342	105	81	404	195	160	5	83	343	180	396
December	2,449	265	65	65	314	155	116	2	85	281	143	210
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May	3,095	385	169	76	339	159	160	6	52	364	169	388
June	3,345	317	141	89	395	192	168	3	81	253	153	407
July	3,266	290	134	53	433	123	105	2	49	255	157	439
CUMULATIVE	21,077	2,211	1,024	614	2,564	1,134	1,098	26	338	2,165	1,047	2,837
August												
September												
October												
November												
December												
% Change Month	-2.4	-8.5	-5.0	-40.4	9.6	-35.9	-37.5	-33.3	-39.5	.8	2.6	7.9
% Change Month 87 vs. 86	-6.8	22.9	12.6	-52.7	28.5	-23.6	-32.7	-50.0	-46.2	-29.4	-39.8	11.1
% Change Cumulative	15.8	59.6	30.9	18.5	30.7	11.2	-10.5	18.2	-18.4	-10.4	-28.6	14.0

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

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Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company, The
Bridgestone U.S.A., Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Corporation
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire Corporation
Firestone Tire & Rubber Company, The
General Tire, Division of GenCorp
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Corporation of America
Toyo Tire (USA) Corporation
Uniroyal-Goodrich Tire Company, The
Yokohama Tire Corporation

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10/29/87 A8810-1

RMA Industry Report

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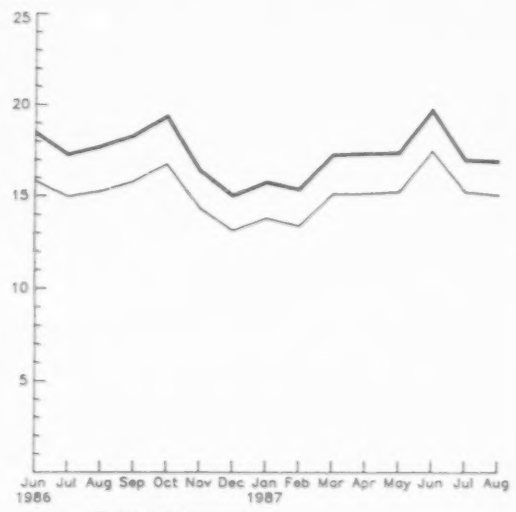
MONTHLY TIRE REPORT

August 1987

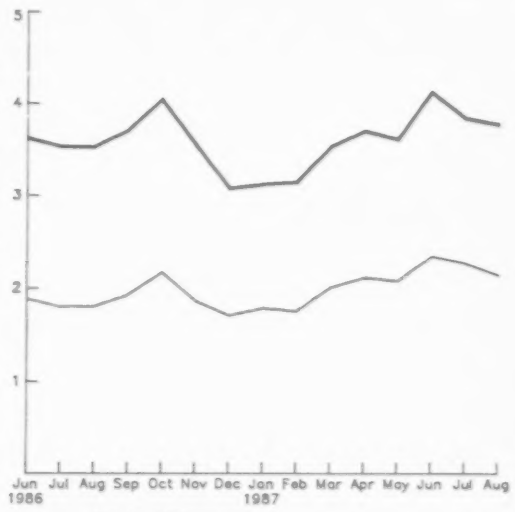
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



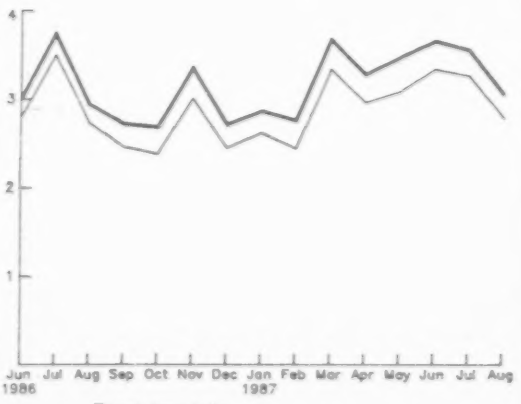
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



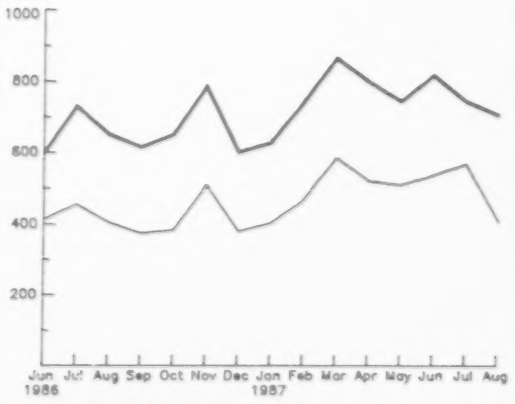
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. August 1987 total shipments are down -4.7% from August 1986 for passenger tires, and up +6.9% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1982 to 1986, passenger tire imports increased 101.1%, and truck and bus tire imports grew by 104.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: October 22, 1987

PASSENGER TIRES	August 1987	August 1986	% CHANGE	YTD 1987	YTD 1986	% CHANGE
Shipments						
Original Equipment	3,709	4,028	-7.92	35,602	36,630	-2.81
Radial	3,168	3,440	-7.91	30,191	30,770	-1.88
Replacement	12,700	13,338	-4.78	97,243 R	94,498	+2.90
Radial	11,427	11,564	-1.18	86,858 R	81,329	+6.80
Export	481	354	+35.88	3,703	2,529	+46.42
Radial	434	273	+58.97	3,226	1,919	+68.11
Total	16,890	17,720	-4.68	136,548	133,657	+2.16
Radial	15,029	15,277	-1.62	120,275	114,018	+5.49
Production	13,877	13,695	+1.33	110,607	104,867	+5.47
Radial	12,466	11,588	+7.58	96,905	88,621	+9.35
Ending Inventory	30,477	29,363	+3.79	-	-	-
Radial	27,175	25,784	+5.39	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	607	504	+20.44	5,265	4,643	+13.40
Radial	419	337	+24.33	3,656	3,087	+18.43
Replacement	2,983	2,914	+2.37	22,337	20,801	+7.38
Radial	1,591	1,396	+13.97	11,946	9,876	+20.96
Export	176	106	+66.04	1,285	868	+48.04
Radial	130	65	+100.00	909	531	+71.19
Total	3,766	3,524	+6.87	28,887	26,312	+9.79
Radial	2,140	1,798	+19.02	16,511	13,494	+22.36
Production	2,846	2,417	+17.75	23,326	20,374	+14.49
Radial	1,612	1,190	+35.46	13,202	9,847	+34.07
Ending Inventory	7,024	7,473	-6.01	-	-	-
Radial	4,385	4,071	+7.71	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	62	46	+34.78	477	434	+9.91
Replacement	10	6	+66.67	78	51	+52.94
Export	-	-	-	-	-	-
Total	72	52	+38.46	555	485	+14.43
Production	76	49	+55.10	476	401	+18.70
Ending Inventory	66	116	-43.10	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	51	35	+45.71	382	356	+7.30
Replacement	224	199	+12.56	1,829	1,665	+9.85
Export	15	11	+36.36	142	117	+21.37
Total	290	245	+18.37	2,353	2,138	+10.06
Production	237	200	+18.50	1,991	1,818	+9.52
Ending Inventory	528	632	-16.46	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	457	339	+34.81	5,043	3,442	+46.51
Replacement	186	154	+20.78	1,439	3,562	-59.60
Export	17	14	+21.43	166	137	+21.17
Total	660	507	+30.18	6,648	7,141	-6.90
Production	776	564	+37.59	5,881	4,968	+18.38
Ending Inventory	1,545	2,205	-29.93	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	470	565	-16.81	3,833	5,028	-23.77
Truck & Bus	1,112	1,250	-11.04	9,366	10,142	-7.65
Tractor-Implement	239	189	+26.46	1,796	1,660	+8.19
Industrial & Utility	166	148	+12.16	1,330	1,335	-0.37

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $500.00 subscription rate. Year-end reports are available at $500.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	77
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	
February	2,251	155	96	57	247	171	180	2	82	292	175	449	
March	2,296	213	109	78	298	157	165	4	64	372	218	360	
April	2,371	178	113	86	231	107	118	5	47	255	172	308	
May	2,650	179	110	68	270	130	252	2	42	244	204	313	
June	2,798	198	110	66	303	117	180	3	42	468	203	336	
July	3,506	236	119	112	337	161	156	4	91	361	261	395	
August	2,734	205	89	76	315	170	104	4	74	344	177	290	
CUMULATIVE	20,938	1,590	871	594	2,276	1,190	1,330	26	487	2,759	1,643	2,779	
September	2,462	260	84	106	289	134	86	4	46	310	148	243	
October	2,382	303	89	101	295	166	146	4	51	383	130	235	
November	3,015	342	105	81	404	195	160	5	83	343	180	396	
December	2,449	265	65	65	314	155	116	2	85	281	143	210	
ANNUAL	31,246	2,759	1,213	946	3,578	1,840	1,838	40	752	4,077	2,244	3,862	
1987													
January	2,625	247	106	56	298	168	187	2	28	301	140	328	
February	2,440	320	146	121	323	152	169	6	35	416	137	413	
March	3,345	334	161	107	424	173	166	2	43	292	155	441	
April	2,961	318	167	112	352	167	143	3	50	285	136	422	
May	3,095	385	169	76	339	159	160	6	52	364	169	388	
June	3,345	317	141	89	395	192	168	3	81	253	153	407	
July	3,266	290	134	53	438	123	105	2	49	255	157	439	
August	2,793	265	105	64	387	148	124	2	87	545	144	415	
CUMULATIVE	23,870	2,476	1,129	678	2,951	1,282	1,222	28	425	2,710	1,191	3,252	
September													
October													
November													
December													
% Change Month	-14.5	-8.6	-21.6	20.8	-10.6	20.3	18.1	.0	77.6	113.7	-8.3	-5.5	
% Change Month 87 vs. 86	2.2	29.3	18.0	-15.8	22.9	-12.9	19.2	-50.0	17.6	58.4	-18.6	43.1	
% Change Cumulative	14.0	55.7	29.6	14.1	29.7	7.7	-8.1	7.7	-12.7	-1.8	-27.5	17.0	

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

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